



Town of East Fishkill

Sewer and Water Department

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Subject: Four Corners Water District Update and 2022 Irrigation Restriction

Date: March 28, 2022

On behalf of the Town of East Fishkill, we would like to provide an update for the ongoing water system improvements that have been taking place at the Four Corners community. You may recall the Town provided an update last fall 2021. As part of this update letter, we are coordinating a date to be part of the Four Corners HOA meeting. Please look for the HOA to indicate a meeting date and time.

The two main objectives that we have been working to resolve this past year includes the storage tank repairs as well as obtaining additional water source(s). Once these objectives are satisfied, it is our objective that irrigation restrictions will be reduced and eventually lifted. The existing water system includes Well #2, Well#4, as well as Well#1A which remains offline causing the need to limit water usage.

Storage Tank: The Town successfully completed the installation of a liner for the storage tank this winter. Testing to date, indicates that the tank is no longer leaking water. Tank lining repairs began in November 2021 and finished shortly after the new years. The repairs were followed by water quality testing and the tank was brought back online in February 2022. While the storage tank was offline, we did identify the need to replace the circulation pump that is now planned to be completed in April 2022. Once the April circulation pump repairs are complete, the storage tank repairs will be deemed completed this spring.

Additional Water Source(s): The Town completed the installation of Well #5 during the 2021 summer. The Town's consulting hydrogeologist (WSP) has now completed pumping rate testing and water quality sampling this winter for Well #5. Testing results are being submitted to the New York State Department of Environmental Conservation (NYSDEC) for their review. The NYSDEC will then determine the permitted flow rate for Well #5. WSP also performed water quality sampling of Well #5. The testing lab is completing the testing so that the Engineer can finalize the necessary water treatment needed. We are hopeful that the water treatment remains minimal and construction to connect Well #5 can begin shortly after the Department of Health reviews the submitted documents and engineering plans. Well #5 is expected to provide about 55 to 65 GPM of flow which will account for a portion of the deficient water source.

You may recall that Well #1A was taken offline several years ago due to poor water quality and had provided about 145 GPM flow rate. Well #5 is expected to provide some of the lost water source and the Town continues to seek additional water source. The Town and WSP have identified three

additional well locations that the installation of test wells with hopes of providing additional water to the system. WSP is submitting the additional well locations for location approvals.

Existing Well#2 experienced an electrical interruption this winter, requiring the need to replace the electrical drive and electric filter. Unfortunately, the supply chain difficulties being experienced throughout the country is also having impacts on our ability to order and receive equipment. In years past, most equipment could be ordered and received within a week or less. Our recent experiences show that it takes 3 to 6 months to obtain a piece of equipment. Due to the supply chain difficulties, Well #2 will not have equipment replaced until April 2022.

As a result of the supply chain issues causing delays and Well #2 needing parts, **we are NOT allowing any irrigation at this time**. We are hopeful that Well#2 equipment will be received and repairs can be completed in April 2022. We will revisit irrigation restriction at the beginning of May 2022. Again, we are hopeful that we can institute an irrigation schedule in May 2022.

This winter we did receive some requests for water usage changes. The first request is to modify the irrigation schedule to allow for irrigation days to fall on two (2) weekdays for any residential homes. It has also been requested that homeowners be allowed to power wash houses. As we develop an irrigation schedule for 2022, we will try to best accommodate the two (2) weekdays for irrigation. Additionally, due to the success with the storage tank, **we are permitting homeowners to power wash their homes effective immediately**. As with all water usage, please be conservative.

We have reviewed the current status of the water system with the Department of Health and they are supportive of the water restrictions at this time. We will continue to update the Four Corners community of progress and information and look forward to participating in an upcoming HOA meeting. We thank you for your continued patience and adherence to the irrigation restrictions. We remain available for additional questions and can be reached at (845) 223-5114 or emailed at watersewer@eastfishkillny.gov.